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PATENT

POLO TECH CENTER 1600/2900

#12-*Final*

8/21/01

Applicant: POLO TECH CENTER 1600/2900  
Serial No.: 09/546,201  
Filed: April 10, 2000  
Title: ENHANCEMENT OF THE IMMUNE  
RESPONSE FOR VACCINE AND  
GENE THERAPY APPLICATIONS  
Examiner: S. Foley  
Group Art Unit: 1648  
Atty Docket No.: 1463.002 (20263-32)

CERTIFICATE OF MAILING

I hereby certify that on August 10, 2001, this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service with sufficient postage in an envelope addressed to: Commissioner of Patents, Washington, DC 20231.

37 C.F.R. § 1.8(a)                    37 C.F.R. § 1.10  
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*Trudi Thompson*  
Trudi Thompson

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

RESPONSE TO OFFICE ACTION

Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

Responsive to the Office Action dated March 7, 2001, Applicants respond as follows:

In the Claims

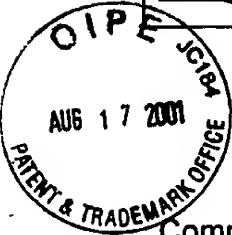
Cancel claims 1-25, 27, 32 and 45 without prejudice to future continuation, divisional or continuations-in-part applications. Claims 26, 28-31 and 33-44 are presently pending.

Please amend the following claims:

26. An expression cassette comprising a promoter operably linked to a nucleic acid molecule which, when transcribed in vivo forms a double stranded RNA that induces the production of interferon, and an RNA polymerase II promoter operably linked to a nucleic acid molecule that encodes an antigen from a pathogenic agent.

28. The expression cassette according to claim 26 wherein said antigen is a viral antigen.

30. The expression cassette according to claim 26 wherein said pathogenic agent is a bacteria, parasite or fungus.



*A*

*A2*

*(13 cont'd.)*